ELSEVIER

1 February 1996

OPTICS COMMUNICATIONS

Optics Communications 123 (1996) 843–853

Author index to volume 123

Acosta, E., see Ríos, S. 123 (1996) 453
Afonso, C.N., see Solis, J. 123 (1996) 547
Allen, L., see Babiker, M. 123 (1996) 523
Arrizón, V., J.G. Ibarra and A. Serrano-Heredia, Split Talbot array illuminators 123 (1996) 63
Arsenault, H.H., see Gualdrón, O. 123 (1996) 19
Asakura, T., see Shirai, T. 123 (1996) 234
Asakura, T., see Yoshida, A. 123 (1996) 694
Aust, E., see Herminghaus, S. 123 (1996) 250

Babiker, M., V.E. Lembessis, W.K. Lai and L. Allen, Doppler cooling of ion cyclotron motion in counter-propagating Laguerre-Gaussian beams 123 (1996) 523
Balle, S., see Bonnet, G. 123 (1996) 790
Banerjee, P.P., see Jarem, J.M. 123 (1996) 825
Bará, S., see Ríos, S. 123 (1996) 453
Barabás, M., E. Lörincz, G. Szarvas and S. Gaál, Anisotropic rectangular waveguides with diagonal index tensors: approximate variational analysis with anisotropy as a perturbation 123 (1996) 259
Barakat, R., Polarization entropy transfer and relative polarization entropy 123 (1996) 443
Barry, N.P., see Solis, J. 123 (1996) 547
Bauer-Gogonea, S., see Donval, A. 123 (1996) 195
Bauer, S., see Donval, A. 123 (1996) 195
Beach, R.J., CW Theory of quasi-three level end-pumped laser oscillators 123 (1996) 385
Bélanger, P.-A., see Paré, C. 123 (1996) 679
Belić, M., M. Petrović and F. Kaiser, Photorefractive circuitry and optical transistors 123 (1996) 657
Belić, M.R., D. Timotijević, M. Petrović and M.V. Jarić, Exact solution to photorefractive two-wave mixing with arbitrary modulation depth 123 (1996) 201
Bennion, I., see Gloag, A.J. 123 (1996) 553
Bennion, I., see Rae, S. 123 (1996) 611
Bergmann, K., see Bonnet, G. 123 (1996) 790
Bergquist, J.C., see Steinbach, A. 123 (1996) 207
Berkovic, G., see Donval, A. 123 (1996) 195
Best, R.W., Bunch shape effect on undulator radiation 123 (1996) 563
Bloisi, F., C. Ruocchio, P. Terrecuso and L. Vicari, PDLC: influence of droplet order parameter in light transmittance 123 (1996) 449
Boese, D., see Herminghaus, S. 123 (1996) 250
Boffi, P., S. Pietralunga and M. Martinelli, Optical time-to-space converter 123 (1996) 473

Bolshtyansky, M.A. and B.Ya. Zel'dovich, Transmission of the image signal with the use of a multimode fiber 123 (1996) 629
Bonnet, G., S. Balle, Th. Kraft and K. Bergmann, Dynamics and self-modelocking of a titanium-sapphire laser with intracavity frequency shifted feedback 123 (1996) 790
Brinker, W., see Donval, A. 123 (1996) 195
Bukhshtab, M.A., Spectrophotometric resonant measurement of wavelength phase dispersion on femtosecond laser cavities and single elements during their fabrication 123 (1996) 430
Butterworth, D.S., S. Girard and D.C. Hanna, A simple technique to achieve active cavity-length stabilisation in a synchronously pumped optical parametric oscillator 123 (1996) 577

Cairns, G.F., C.L.S. Lewis, M.J. Lamb, A.G. MacPhee, D. Neely, P. Norreys, M.H. Key, S.B. Healy, P.B. Holden, G.J. Pert, J.A. Plowes, G.J. Tallents and A. Demir, Using low and high prepulses to enhance the $J = 0$–1 transition at 19.6 nm in the Ne-like germanium XUV laser 123 (1996) 777
Calabrese, R., V. Guidi, P. Lenisa, E. Mariotti and L. Moi, Transverse laser cooling of ions in a storage ring 123 (1996) 530
Campbell, S., Y. Zhang and P. Yeh, Writing and copying in volume holographic memories: approaches and analysis 123 (1996) 27
Cardwell, M.J., see Rae, S. 123 (1996) 611
Celet, J.-C., see Khandokhin, P. 123 (1996) 372
Chávez-Cerda, S., G.S. McDonald and G.H.C. New, Nondiffracting beams: travelling, standing, rotating and spiral waves 123 (1996) 225
Chen, H., see Zhang, L. 123 (1996) 587
Chen, J., see Eichler, H.J. 123 (1996) 412
Chen, T., see Cox, W.R. 123 (1996) 492
Chen, T.W. and L.M. Yang, Simple formula for small-angle light scattering by a spheroid 123 (1996) 437
Conradt, R., see Herminghaus, S. 123 (1996) 250
Cox, W.R., T. Chen, D. Ussery, D.J. Hayes, J.A. Tatum and D.L. MacFarlane, Microjetted lenslet triplet fibers 123 (1996) 492
Crofts, G.J., see Damzen, M.J. 123 (1996) 182
Cruz, F.C., see Steinbach, A. 123 (1996) 207
Cudney, R.S., see Duelli, M. 123 (1996) 49

Daido, H., see Zhang, T. 123 (1996) 161
Dalhoff, E., see Fischer, E. 123 (1996) 465
Damzen, M.J., Y. Matsumoto, G.J. Crofts and R.P.M. Green, Bragg-selectivity of a volume gain grating 123 (1996) 182
Dangoisse, D., see Khandokhin, P. 123 (1996) 372
Darlin, J.S., P. Senthilkumaran, Shanti Bhattacharya, M.P. Kothiyal and R.S. Sirohi, Fabrication of an array illuminator using tandem Michelson interferometers 123 (1996) 1
Dascalu, T., see Pavel, N. 123 (1996) 115
Dattoli, G., A. Doria, L. Giannessi and A. Segreto, Wave-guide free electron laser: gain inhomogeneous broadening and saturation 123 (1996) 535
Dattoli, G., L. Giannessi and A. Renieri, Storage–Ring FEL longitudinal dynamics 123 (1996) 353
Davila, A., D. Kerr and G.H. Kaufmann, Fast electro-optical system for pulsed ESPI carrier fringe generation 123 (1996) 457
de Araújo, C.B., see Petrov, D.V. 123 (1996) 637
Demir, A., see Cairns, G.F. 123 (1996) 777

Diddams, S., see Prein, S. 123 (1996) 567
Diels, J.-C., see Prein, S. 123 (1996) 567
Ding, Y. and H.J. Eichler, Determination of quadratic electro-optic (Kerr) coefficients of InP:Fe at 1064 nm by photorefractive two-wave mixing 123 (1996) 642
Donval, A., G. Berkovic, S. Yilmaz, S. Bauer-Gogonea, W. Brinker, W. Wirges, S. Bauer and R. Gerhard-Multhaupt, Spatial and thermal analysis of optical nonlinearity created by asymmetric charge injection 123 (1996) 195
Doria, A., see Dattoli, G. 123 (1996) 535
Drampian, R.Kh., Investigation of Raman scattering of light manifested in absorption spectrum of potassium atoms 123 (1996) 497
Dross, O., see Ekstrom, C.R. 123 (1996) 505
Drummond, P.D., see He, H. 123 (1996) 394
Duelk, M., see Eichler, H.J. 123 (1996) 412
Duelli, M., R.S. Cudney and P. Günter, Discrimination of enclosed images by weighted storage in an optical associative memory 123 (1996) 49
Dupertuis, M.A., see Kireev, A.N. 123 (1996) 268

Edel, V., see Watanabe, T. 123 (1996) 76
Eichler, H.J., B. Liu, M. Duelk, Z. Lu and J. Chen, Phase conjugation behind an ordered multimode fibre bundle 123 (1996) 412
Eichler, H.J., see Ding, Y. 123 (1996) 642
Ekstrom, C.R., C. Kurtsiefer, D. Voigt, O. Dross, T. Pfau and J. Mlynek, Coherent excitation of a He^* beam observed in atomic momentum distributions 123 (1996) 505
Ewart, P., see New, M.J. 123 (1996) 139

Faller, J.E., see Giampieri, G. 123 (1996) 669
Fei, H., see Yang, Y. 123 (1996) 189
Fielding, H.H., Q. Hong, S. Solans, A.J. Langley, S. Schlorholz, W. Shaikh and P.F. Taday, Generation of coherent VUV radiation using resonance-enhanced four-wave difference-mixing of nanosecond and femtosecond laser pulses in Kr 123 (1996) 129
Fischer, E., E. Dalhoff and H. Tiziani, Overcoming coherence length limitation in two wavelength interferometry – an experimental verification 123 (1996) 465
Fluck, D., T. Pliska and P. Günter, Compact 10 mW all-solid-state 491 nm laser based on frequency doubling a master oscillator power amplifier laser diode 123 (1996) 624
Frangos, P., A numerical solution to the Zakharov-Shabat inverse scattering problem with application to solitary wave propagation in nonlinear optical fibers 123 (1996) 743
French, P.M.W., see Solis, J. 123 (1996) 547
Fukada, E., see Herminghaus, S. 123 (1996) 250

Gaál, S., see Barabás, M. 123 (1996) 259
García-Fernández, P., see Lozano, C. 123 (1996) 752
García Quirino, G.S., M.D. Iturbe Castillo, J.J. Sánchez-Mondragón, S. Stepanov and V. Vysloukh, Interferometric measurements of the photoinduced refractive index profiles in photorefractive $Bi_{12}TiO_{20}$ crystal 123 (1996) 597
Garraway, B.M. and P.L. Knight, The localization and survival of cats in a Kerr medium 123 (1996) 517
Gascón, F. and F. Salazar, A procedure for calculating through laser speckle interferometry the elastic constants of isotropic materials 123 (1996) 734

Gato, L. and R. Srivastava, Time-dependent surface-index change in ion-exchanged waveguides 123 (1996) 483
Georges, T., Study of the non-Gaussian timing jitter statistics induced by soliton interaction and filtering 123 (1996) 617
Gerhard-Multhaupt, R., see Donval, A. 123 (1996) 195
Giampieri, G., R.W. Hellings, M. Tinto and J.E. Faller, Algorithms for unequal-arm Michelson interferometers 123 (1996) 669
Giannessi, L., see Dattoli, G. 123 (1996) 353
Giannessi, L., see Dattoli, G. 123 (1996) 535
Girard, S., see Butterworth, D.S. 123 (1996) 577
Gloag, A.J., N. Langford, I. Bennion and L. Zhang, Single-frequency travelling-wave erbium doped fibre laser incorporating a fibre Bragg grating 123 (1996) 553
Glorieux, P., see Khandokhin, P. 123 (1996) 372
Gomes, A.S.L., see Petrov, D.V. 123 (1996) 637
Green, R.P.M., see Damzen, M.J. 123 (1996) 182
Gualdrón, O. and H.H. Arsenault, Comparative performance of locally nonlinear matched filters and of optimal tradeoff filters 123 (1996) 19
Gualous, H., A. Koster, D. Pascal and S. Laval, Guided wave spatial transients under a limited grating coupler in a silicon-on-sapphire waveguide 123 (1996) 83
Guidi, V., see Calabrese, R. 123 (1996) 530
Günter, P., see Duelli, M. 123 (1996) 49
Günter, P., see Fluck, D. 123 (1996) 624
Gupta, G.C., see Karafolas, N. 123 (1996) 11

Han, L., see Yang, Y. 123 (1996) 189
Hanna, D.C., see Butterworth, D.S. 123 (1996) 577
Harrison, F.E. and D.F. Walls, QND measurement of intensity difference fluctuations 123 (1996) 331
Haubrich, D. and R. Wynands, A modified commercial Ti:sapphire laser with 4 kHz rms linewidth 123 (1996) 558
Hayes, D.J., see Cox, W.R. 123 (1996) 492
He, H., P.D. Drummond and B.A. Malomed, Modulational stability in dispersive optical systems with cascaded nonlinearity 123 (1996) 394
Healy, S.B., see Cairns, G.F. 123 (1996) 777
Hector, R. and K.H. Meiwes-Broer, VUV generation by frequency mixing in a mercury beam 123 (1996) 155
Hellings, R.W., see Giampieri, G. 123 (1996) 669
Hemingway, J.-P., see Steele, A.L. 123 (1996) 487
Herminghaus, S., R. Conradt, E. Aust, W. Knoll, Y. Takahashi, S. Ukishima, E. Fukada and D. Boese, Evaporated polyurea optical waveguides: electrooptic and structural properties 123 (1996) 250
Hillion, P., Diffraction of focus wave modes at a perfectly conducting screen 123 (1996) 215
Hogervorst, W., see Rooijakkers, W. 123 (1996) 321
Holden, P.B., see Cairns, G.F. 123 (1996) 777
Hong, Q., see Fielding, H.H. 123 (1996) 129
Hübner, U., see Stoll, K. 123 (1996) 100

Iannone, E., A. Mecozzi, F. Matera and M. Settembre, Single-channel transmissions over very long optical links with zero average chromatic dispersion adopting NRZ intensity and polarisation modulation 123 (1996) 89
Ibarra, J.G., see Arrizón, V. 123 (1996) 63
Illingworth, R., see Renwick, E.K. 123 (1996) 477
Iturbe Castillo, M.D., see García Quirino, G.S. 123 (1996) 597
Izawa, Y., see Zhang, T. 123 (1996) 161

Jarem, J.M. and P.P. Banerjee, A nonlinear, transient analysis of two- and multi-wave mixing in a photorefractive material using rigorous coupled-wave diffraction theory 123 (1996) 825
Jarić, M.V., see Belić, M.R. 123 (1996) 201
Jiang, M., see Zhang, L. 123 (1996) 587
Jin, G., see Yuan, S. 123 (1996) 705
Jinsong, W., T. Weizhong and Z. Wen, Stimulated Brillouin scattering initiated by thermally excited acoustic waves in absorption media 123 (1996) 574
Jones, D.C. and K.D. Ridley, Time response of Brillouin-induced four-wave mixing with short signal pulse: Application to time-gated imaging 123 (1996) 403
Jones, D.C., M.S. Mangir and D.A. Rockwell, A stimulated Brillouin scattering phase-conjugate mirror having a peak-power threshold < 100 W 123 (1996) 175

Kaiser, F., see Belić, M. 123 (1996) 657
Karafolas, N., G.C. Gupta and D. Uttamchandani, Combining code division multiplexing and coherence multiplexing for private communications in optical fiber multiple access networks 123 (1996) 11
Kato, Y., see Zhang, T. 123 (1996) 161
Kaufmann, G.H., see Davila, A. 123 (1996) 457
Kerr, D., see Davila, A. 123 (1996) 457
Key, M.H., see Cairns, G.F. 123 (1996) 777
Khandokhin, P., Ya. Khanin, J.-C. Celet, D. Dangoisse and P. Glorieux, Low frequency relaxation oscillations in class B lasers with feedback 123 (1996) 372
Khanin, Ya., see Khandokhin, P. 123 (1996) 372
Kikuchi, S., K. Sonobe and N. Ohyama, Three-dimensional microscopic computed tomography based on generalized Radon transform for optical imaging systems 123 (1996) 725
Kim, E.-S., see Yi, S.-Y. 123 (1996) 716
Kireev, A.N. and M.A. Dupertuis, Classical analysis of a dispersive symmetric Fabry–Pérot microcavity and Rabi splitting in a monolithic semiconductor heterostructure 123 (1996) 268
Knight, P.L., see Garraway, B.M. 123 (1996) 517
Knight, P.L., see Plenio, M.B. 123 (1996) 278
Knoll, W., see Herminghaus, S. 123 (1996) 250
Kobayashi, T., see Shirakawa, A. 123 (1996) 121
Kohns, P., see Zhou, P. 123 (1996) 501
Koster, A., see Gualous, H. 123 (1996) 83
Kothiyal, M.P., see Darlin, J.S. 123 (1996) 1
Kraft, Th., see Bonnet, G. 123 (1996) 790
Kramer, G., see Stoll, K. 123 (1996) 100
Kurizki, G., see Nikonov, D.E. 123 (1996) 363
Kurtsiefer, C., see Ekstrom, C.R. 123 (1996) 505

Lai, W.K., see Babiker, M. 123 (1996) 523
Lamb, M.J., see Cairns, G.F. 123 (1996) 777
Langford, N., see Gloag, A.J. 123 (1996) 553
Langley, A.J., see Fielding, H.H. 123 (1996) 129
Laval, S., see Gualous, H. 123 (1996) 83
Le Berre, M., A.S. Patrascu, E. Ressayre and A. Tallet, Daisy patterns in the passive ring cavity with diffusion effects 123 (1996) 810
Lembessis, V.E., see Babiker, M. 123 (1996) 523
Lenisa, P., see Calabrese, R. 123 (1996) 530
Lenz, G., Far-field diffraction of truncated higher-order Laguerre–Gaussian beams 123 (1996) 423
Lewis, C.L.S., see Cairns, G.F. 123 (1996) 777
Li, G.-x., J.-s. Peng and P. Zhou, States of the field trapping an atom in a Raman-type photoionization system driven by a two-mode quantized field 123 (1996) 94
Lin, Q., see Wang, Z. 123 (1996) 5
Liu, B., see Eichler, H.J. 123 (1996) 412
Lörincz, E., see Barabás, M. 123 (1996) 259
Lou, Q., see Xue, S. 123 (1996) 543
Lozano, C., P. García-Fernández and C.R. Mirasso, Analytical study of nonlinear chirped pulses: propagation in dispersive optical fibers 123 (1996) 752
Lu, Z., see Eichler, H.J. 123 (1996) 412
Lupei, V., see Pavel, N. 123 (1996) 115

MacFarlane, D.L., see Cox, W.R. 123 (1996) 492
MacPhee, A.G., see Cairns, G.F. 123 (1996) 777
Maier, N., see Tiziani, H.J. 123 (1996) 34
Malomed, B.A., see He, H. 123 (1996) 394
Mangir, M.S., see Jones, D.C. 123 (1996) 175
Mao, H.W., see Shirakawa, A. 123 (1996) 121
Mariotti, E., see Calabrese, R. 123 (1996) 530
Martinelli, M., see Boffi, P. 123 (1996) 473
Matera, F., see Iannone, E. 123 (1996) 89
Matsumoto, Y., see Damzen, M.J. 123 (1996) 182
McDonald, G.S., see Chávez-Cerda, S. 123 (1996) 225
Mecozzi, A., see Iannone, E. 123 (1996) 89
Meiwes-Broer, K.H., see Hector, R. 123 (1996) 155
Mellish, R., see Solis, J. 123 (1996) 547
Ming, N.B., see Wang, Z.L. 123 (1996) 649
Mirasso, C.R., see Lozano, C. 123 (1996) 752
Miyata, S., see Watanabe, T. 123 (1996) 76
Mlynek, J., see Ekstrom, C.R. 123 (1996) 505
Moi, L., see Calabrese, R. 123 (1996) 530
Mokrushina, E.V., A.A. Nechitailov and V.V. Prokofiev, Effect of a low chromium impurity on properties of photoinduced charge carriers in $Bi_{12}TiO_{20}$ and $Bi_{12}SiO_{20}$ single crystals 123 (1996) 592
Mori, Y., see Zhou, W.-L. 123 (1996) 583
Mu, X., see Zhang, L. 123 (1996) 587
Mu, Y., J. Seberry and Y. Zheng, Shared cryptographic bits via quantized quadrature phase amplitudes of light 123 (1996) 344
Munakata, T., see Youssef, N. 123 (1996) 55

Nakai, S., see Zhou, W.-L. 123 (1996) 583
Nakkeeran, K. and K. Porsezian, Coexistence of a self-induced transparency soliton and a higher order nonlinear Schrödinger soliton in an erbium doped fiber 123 (1996) 169
Nechitailov, A.A., see Mokrushina, E.V. 123 (1996) 592
Neely, D., see Cairns, G.F. 123 (1996) 777
New, G.H.C., see Chávez-Cerda, S. 123 (1996) 225
New, M.J. and P. Ewart, High power single mode radiation by narrowband amplification of a diode laser 123 (1996) 139
Nikonov, D.E., B. Sherman, G. Kurizki and M.O. Scully, Lasing without inversion in Cherenkov free-electron lasers 123 (1996) 363
Norreys, P., see Cairns, G.F. 123 (1996) 777

O'Donnell, K.A., see West, C.S. 123 (1996) 109
Ohyama, N., see Kikuchi, S. 123 (1996) 725
Okamoto, A., see Takayama, Y. 123 (1996) 603
Okuno, T., K. Tanaka and T. Suemoto, Observation of two types of spectral holes in MgO-doped Y_2O_3:Pr^{3+} crystals 123 (1996) 512

Paoletty, D., see Schirripa Spagnolo, G. 123 (1996) 41
Paré, C. and P.-A. Bélanger, Propagation law and quasi-invariance properties of the truncated second-order moment of a diffracted laser beam 123 (1996) 679
Paré, C., Optimum laser beam profile for maximum energy extraction from a saturable amplifier 123 (1996) 762
Pascal, D., see Gualous, H. 123 (1996) 83
Patrascu, A.S., see Le Berre, M. 123 (1996) 810
Pavel, N., T. Dascalu and V. Lupei, Variable reflectivity mirror unstable resonator with deformable mirror thermal compensation 123 (1996) 115
Peng, J.-s., see Li, G.-x. 123 (1996) 94
Pert, G.J., see Cairns, G.F. 123 (1996) 777
Petrov, D.V., A.S.L. Gomes and C.B. de Araújo, Reflection of a Gaussian beam from a saturable absorber 123 (1996) 637
Petrović, M., see Belić, M. 123 (1996) 657
Petrović, M., see Belić, M.R. 123 (1996) 201
Pfau, T., see Ekstrom, C.R. 123 (1996) 505
Pietralunga, S., see Boffi, P. 123 (1996) 473
Plakhotnik, T., On separation of diffusive broadening and homogeneous linewidth in spectrum of single molecule in solids 123 (1996) 105
Plenio, M.B., P.L. Knight and R.C. Thompson, Inhibition of spontaneous decay by continuous measurements. Proposal for realizable experiment 123 (1996) 278
Pliska, T., see Fluck, D. 123 (1996) 624
Plowes, J.A., see Cairns, G.F. 123 (1996) 777
Porcar, R., see Thiery, L. 123 (1996) 801
Porsezian, K., see Nakkeeran, K. 123 (1996) 169
Prein, S., S. Diddams and J.-C. Diels, Complete characterization of femtosecond pulses using an all-electronic detector 123 (1996) 567
Prenel, J.P., see Thiery, L. 123 (1996) 801
Prokofiev, V.V., see Mokrushina, E.V. 123 (1996) 592

Qasaimeh, O., see Zebda, Y. 123 (1996) 71

Rae, S., I. Bennion and M.J. Cardwell, New numerical model of stimulated Brillouin scattering in optical fibres with nonuniformity 123 (1996) 611
Rauner, M., see Steinbach, A. 123 (1996) 207
Renieri, A., see Dattoli, G. 123 (1996) 353
Renwick, E.K., E.E. Robertson, I.S. Ruddock and R. Illingworth, Optical transmission properties of single crystal fibres 123 (1996) 477
Ressayre, E., see Le Berre, M. 123 (1996) 810
Ridley, K.D., see Jones, D.C. 123 (1996) 403
Ríos, S., E. Acosta and S. Bará, Modal phase estimation from wavefront curvature sensing 123 (1996) 453
Robertson, E.E., see Renwick, E.K. 123 (1996) 477
Rockwell, D.A., see Jones, D.C. 123 (1996) 175
Rooijakkers, W., W. Hogervorst and W. Vassen, An intense collimated beam of metastable helium atoms by two-dimensional laser cooling 123 (1996) 321
Rothe, A., see Tiziani, H.J. 123 (1996) 34
Ruddock, I.S., see Renwick, E.K. 123 (1996) 477
Ruocchio, C., see Bloisi, F. 123 (1996) 449

Salazar, F., see Gascón, F. 123 (1996) 734
Sánchez-Mondragón, J.J., see García Quirino, G.S. 123 (1996) 597
Sasaki, T., see Zhou, W.-L. 123 (1996) 583
Sato, K., see Takayama, Y. 123 (1996) 603
Savilov, A.V., Account of the feedback frequency dispersion in spatio–temporal equations of a free-electron laser 123 (1996) 133
Schirripa Spagnolo, G., D. Paoletty and P. Zanetta, Local speckle correlation for vibration analysis 123 (1996) 41
Schlorholz, S., see Fielding, H.H. 123 (1996) 129
Schulz, H., see Zhou, P. 123 (1996) 501
Scully, M.O., see Nikonov, D.E. 123 (1996) 363
Seberry, J., see Mu, Y. 123 (1996) 344
Segreto, A., see Dattoli, G. 123 (1996) 535
Senthilkumaran, P., see Darlin, J.S. 123 (1996) 1
Serrano-Heredia, A., see Arrizón, V. 123 (1996) 63
Settembre, M., see Iannone, E. 123 (1996) 89
Shaikh, W., see Fielding, H.H. 123 (1996) 129
Shanti Bhattacharya, see Darlin, J.S. 123 (1996) 1
Shao, Z., see Zhang, L. 123 (1996) 587
Sherman, B., see Nikonov, D.E. 123 (1996) 363
Shimoda, S., see Watanabe, T. 123 (1996) 76
Shirai, T. and T. Asakura, Multiple light scattering from spatially random media under the second-order Born approximation 123 (1996) 234
Shirakawa, A., H.W. Mao and T. Kobayashi, Highly efficient generation of blue-orange femtosecond pulses from intracavity-frequency-mixed optical parametric oscillator 123 (1996) 121
Shun, G., see Yang, Y. 123 (1996) 189
Siegel, J., see Solis, J. 123 (1996) 547
Sirohi, R.S., see Darlin, J.S. 123 (1996) 1
Solans, S., see Fielding, H.H. 123 (1996) 129

Solis, J., J. Siegel, C.N. Afonso, N.P. Barry, R. Mellish and P.M.W. French, Experimental study of a self-starting Kerr-lens mode-locked titanium-doped sapphire laser 123 (1996) 547
Sonobe, K., see Kikuchi, S. 123 (1996) 725
Srivastava, R., see Gato, L. 123 (1996) 483
Steele, A.L. and J.-P. Hemingway, Nonlinear optical loop mirror constructed from dispersion decreasing fibre 123 (1996) 487
Steinbach, A., M. Rauner, F.C. Cruz and J.C. Bergquist, CW second harmonic generation with elliptical Gaussian beams 123 (1996) 207
Stenholm, S., Polarization coding of quantum information 123 (1996) 287
Stepanov, S., see García Quirino, G.S. 123 (1996) 597
Stoll, K., U. Hübner and G. Kramer, Determination of collision cross section by dynamical absorption saturation in OsO_4 123 (1996) 100
Suemoto, T., see Okuno, T. 123 (1996) 512
Sun, H. and C.-y. Wang, Third-order dispersion produced by a $\lambda/4$ dielectric cavity mirror in a femtosecond pulse laser 123 (1996) 148
Swain, S. and P. Zhou, Nonclassical features in anomalous resonance fluorescence in a squeezed vacuum 123 (1996) 310
Swain, S., see Zhou, P. 123 (1996) 297
Szarvas, G., see Barabás, M. 123 (1996) 259

Taday, P.F., see Fielding, H.H. 123 (1996) 129
Takahashi, Y., see Herminghaus, S. 123 (1996) 250
Takayama, Y., A. Okamoto and K. Sato, High-efficiency transient phase conjugation by turning on reading beam incident upon steady-state transmission grating in $BaTiO_3$ crystal 123 (1996) 603
Takeda, M., see Youssef, N. 123 (1996) 55
Tallents, G.J., see Cairns, G.F. 123 (1996) 777
Tallet, A., see Le Berre, M. 123 (1996) 810
Tanaka, K., see Okuno, T. 123 (1996) 512
Tao, X.T., see Watanabe, T. 123 (1996) 76
Tatum, J.A., see Cox, W.R. 123 (1996) 492
Terrecuso, P., see Bloisi, F. 123 (1996) 449
Thiery, L., J.P. Prenel and R. Porcar, Theoretical and experimental intensity analysis of laser light sheets for flow visualization 123 (1996) 801
Thompson, R.C., see Plenio, M.B. 123 (1996) 278
Timotijević, D., see Belić, M.R. 123 (1996) 201
Tinto, M., see Giampieri, G. 123 (1996) 669
Tiziani, H., see Fischer, E. 123 (1996) 465
Tiziani, H.J., N. Maier and A. Rothe, Scanning differential-heterodyne-interferometer with acousto-optic deflectors 123 (1996) 34
Tsui, K.H., Emission of short free electron laser pulse by high charge electron bunches 123 (1996) 143

Ukishima, S., see Herminghaus, S. 123 (1996) 250
Ussery, D., see Cox, W.R. 123 (1996) 492
Uttamchandani, D., see Karafolas, N. 123 (1996) 11

Vassen, W., see Rooijakkers, W. 123 (1996) 321
Vicari, L., see Bloisi, F. 123 (1996) 449

Voigt, D., see Ekstrom, C.R. 123 (1996) 505
Vysloukh, V., see García Quirino, G.S. 123 (1996) 597

Wagnière, G., see Zawodny, R. 123 (1996) 665
Walls, D.F., see Harrison, F.E. 123 (1996) 331
Wang, C.-y., see Sun, H. 123 (1996) 148
Wang, Z., Z. Zhang, Z. Xu and Q. Lin, Spectral and temporal properties of ultrashort light pulse in the far zone 123 (1996) 5
Wang, Z.L., Z.J. Yang, Y.Y. Zhu and N.B. Ming, Bistable switching in two-dimensional nonlinear optical superlattices 123 (1996) 649
Watanabe, T., V. Edel, X.T. Tao, S. Shimoda and S. Miyata, A polymeric five-layer nonlinear optical waveguide with a large dimension tolerance and large overlap integral for mode conversion phase-matching 123 (1996) 76
Wei, Z., see Yang, Y. 123 (1996) 189
Weizhong, T., see Jinsong, W. 123 (1996) 574
Wen, Z., see Jinsong, W. 123 (1996) 574
West, C.S. and K.A. O'Donnell, Backscattering enhancement from plasmon polaritons on a deterministic metal surface 123 (1996) 109
Wirges, W., see Donval, A. 123 (1996) 195
Wu, M., see Yuan, S. 123 (1996) 705
Wynands, R., see Haubrich, D. 123 (1996) 558

Xu, Z., see Wang, Z. 123 (1996) 5
Xue, S. and Q. Lou, Passive mode-locking of a Nd:YAP laser at 1.3414 μm by using a convex-antiresonant ring unstable resonator 123 (1996) 543

Yan, Y., see Yuan, S. 123 (1996) 705
Yang, H.-G., see Yi, S.-Y. 123 (1996) 716
Yang, L.M., see Chen, T.W. 123 (1996) 437
Yang, Q., see Yang, Y. 123 (1996) 189
Yang, Y., H. Fei, Z. Wei, Q. Yang, G. Shun and L. Han, Phase conjugation in methyl orange doped polyvinyl alcohol film by DFWM based on excited state absorption 123 (1996) 189
Yang, Z.J., see Wang, Z.L. 123 (1996) 649
Yeh, P., see Campbell, S. 123 (1996) 27
Yi, S.-Y., E.-S. Kim and H.-G. Yang, A BPEJTC-based segmentation for a non-stationary image 123 (1996) 716
Yilmaz, S., see Donval, A. 123 (1996) 195
Yoshida, A. and T. Asakura, Propagation and focusing of Gaussian laser beams beyond conventional diffraction limit 123 (1996) 694
Youssef, N., T. Munakata and M. Takeda, Rice probability functions for level-crossing intervals of speckle intensity fields 123 (1996) 55
Yuan, S., G. Jin, M. Wu and Y. Yan, Neighborhood operation binary image algebra for optical morphological image processing 123 (1996) 705

Zanetta, P., see Schirripa Spagnolo, G. 123 (1996) 41
Zawodny, R. and G. Wagnière, On second harmonic generation by two noncollinear beams in transparent chiral liquids 123 (1996) 665

Zebda, Y. and O. Qasaimeh, The effect of carrier transition mechanisms on frequency response of multiquantum well PIN photodiode 123 (1996) 71
Zel'dovich, B.Ya., see Bolshtyansky, M.A. 123 (1996) 629
Zhang, L., Z. Shao, X. Mu, H. Chen and M. Jiang, Self-pumped phase conjugation with mechanism transformation in potassium sodium strontium barium niobate 123 (1996) 587
Zhang, L., see Gloag, A.J. 123 (1996) 553
Zhang, T., Y. Kato, H. Daido and Y. Izawa, Oscillating nonlinear frequency chirp in a single mode optical fiber 123 (1996) 161
Zhang, X., Four-wave mixing characteristics in a phase-conjugated fiber system 123 (1996) 607
Zhang, Y., see Campbell, S. 123 (1996) 27
Zhang, Z., see Wang, Z. 123 (1996) 5
Zheng, Y., see Mu, Y. 123 (1996) 344
Zhou, P. and S. Swain, Hanle effect in a squeezed vacuum 123 (1996) 297
Zhou, P., H. Schulz and P. Kohns, Atomic spectroscopy with ultrashort laser pulses using frequency-resolved optical gating 123 (1996) 501
Zhou, P., see Li, G.-x. 123 (1996) 94
Zhou, P., see Swain, S. 123 (1996) 310
Zhou, W.-L., Y. Mori, T. Sasaki and S. Nakai, High-efficiency intracavity continuous-wave ultraviolet generation using crystals $CsLiB_6O_{10}$, β-BaB_2O_4 and LiB_3O_5 123 (1996) 583
Zhu, Y.Y., see Wang, Z.L. 123 (1996) 649

ELSEVIER

1 February 1996

Optics Communications 123 (1996) 854–860

OPTICS COMMUNICATIONS

Subject index to volume 123

Propagation, diffraction and scattering

J.S. Darlin, P. Senthilkumaran, Shanti Bhattacharya, M.P. Kothiyal and R.S. Sirohi, Fabrication of an array illuminator using tandem Michelson interferometers 1

Z. Wang, Z. Zhang, Z. Xu and Q. Lin, Spectral and temporal properties of ultrashort light pulse in the far zone 5

P. Hillion, Diffraction of focus wave modes at a perfectly conducting screen 215

S. Chávez-Cerda, G.S. McDonald and G.H.C. New, Nondiffracting beams: travelling, standing, rotating and spiral waves 225

T. Shirai and T. Asakura, Multiple light scattering from spatially random media under the second-order Born approximation 234

G. Lenz, Far-field diffraction of truncated higher-order Laguerre–Gaussian beams 423

M.A. Bukhshtab, Spectrophotometric resonant measurement of wavelength phase dispersion on femtosecond laser cavities and single elements during their fabrication 430

T.W. Chen and L.M. Yang, Simple formula for small-angle light scattering by a spheroid 437

R. Barakat, Polarization entropy transfer and relative polarization entropy 443

F. Bloisi, C. Ruocchio, P. Terrecuso and L. Vicari, PDLC: influence of droplet order parameter in light transmittance 449

G. Giampieri, R.W. Hellings, M. Tinto and J.E. Faller, Algorithms for unequal-arm Michelson interferometers 669

C. Paré and P.-A. Bélanger, Propagation law and quasi-invariance properties of the truncated second-order moment of a diffracted laser beam 679

A. Yoshida and T. Asakura, Propagation and focusing of Gaussian laser beams beyond conventional diffraction limit 694

Optical information, image formation and analysis, optical computing

N. Karafolas, G.C. Gupta and D. Uttamchandani, Combining code division multiplexing and coherence multiplexing for private communications in optical fiber multiple access networks 11

O. Gualdrón and H.H. Arsenault, Comparative performance of locally nonlinear matched filters and of optimal tradeoff filters 19

S. Campbell, Y. Zhang and P. Yeh, Writing and copying in volume holographic memories: approaches and analysis 27

H.J. Tiziani, N. Maier and A. Rothe, Scanning differential-heterodyne-interferometer with acousto-optic deflectors 34

G. Schirripa Spagnolo, D. Paoletty and P. Zanetta, Local speckle correlation for vibration analysis 41

M. Duelli, R.S. Cudney and P. Günter, Discrimination of enclosed images by weighted storage in an optical associative memory 49

N. Youssef, T. Munakata and M. Takeda, Rice probability functions for level-crossing intervals of speckle intensity fields 55

V. Arrizón, J.G. Ibarra and A. Serrano-Heredia, Split Talbot array illuminators 63

S. Ríos, E. Acosta and S. Bará, Modal phase estimation from wavefront curvature sensing 453

A. Davila, D. Kerr and G.H. Kaufmann, Fast electro-optical system for pulsed ESPI carrier fringe generation 457

E. Fischer, E. Dalhoff and H. Tiziani, Overcoming coherence length limitation in two wavelength interferometry – an experimental verification 465

P. Boffi, S. Pietralunga and M. Martinelli, Optical time-to-space converter 473

S. Yuan, G. Jin, M. Wu and Y. Yan, Neighborhood operation binary image algebra for optical morphological image processing 705

S.-Y. Yi, E.-S. Kim and H.-G. Yang, A BPEJTC-based segmentation for a non-stationary image 716

S. Kikuchi, K. Sonobe and N. Ohyama, Three-dimensional microscopic computed tomography based on generalized Radon transform for optical imaging systems 725

F. Gascón and F. Salazar, A procedure for calculating through laser speckle interferometry the elastic constants of isotropic materials 734

Optical communications

Y. Zebda and O. Qasaimeh, The effect of carrier transition mechanisms on frequency response of multiquantum well PIN photodiode 71

T. Watanabe, V. Edel, X.T. Tao, S. Shimoda and S. Miyata, A polymeric five-layer nonlinear optical waveguide with a large dimension tolerance and large overlap integral for mode conversion phase-matching 76

H. Gualous, A. Koster, D. Pascal and S. Laval, Guided wave spatial transients under a limited grating coupler in a silicon-on-sapphire waveguide 83

E. Iannone, A. Mecozzi, F. Matera and M. Settembre, Single-channel transmissions over very long optical links with zero average chromatic dispersion adopting NRZ intensity and polarisation modulation 89

S. Herminghaus, R. Conradt, E. Aust, W. Knoll, Y. Takahashi, S. Ukishima, E. Fukada and D. Boese, Evaporated polyurea optical waveguides: electrooptic and structural properties 250

M. Barabás, E. Lörincz, G. Szarvas and S. Gaál, Anisotropic rectangular waveguides with diagonal index tensors: approximate variational analysis with anisotropy as a perturbation 259

E.K. Renwick, E.E. Robertson, I.S. Ruddock and R. Illingworth, Optical transmission properties of single crystal fibres 477

L. Gato and R. Srivastava, Time-dependent surface-index change in ion-exchanged waveguides 483

A.L. Steele and J.-P. Hemingway, Nonlinear optical loop mirror constructed from dispersion decreasing fibre 487

W.R. Cox, T. Chen, D. Ussery, D.J. Hayes, J.A. Tatum and D.L. MacFarlane, Microjetted lenslet triplet fibers 492

P. Frangos, A numerical solution to the Zakharov-Shabat inverse scattering problem with application to solitary wave propagation in nonlinear optical fibers 743

C. Lozano, P. García-Fernández and C.R. Mirasso, Analytical study of nonlinear chirped pulses: propagation in dispersive optical fibers 752

Atomic, molecular and plasma physics

G.-x. Li, J.-s. Peng and P. Zhou, States of the field trapping an atom in a Raman-type photoionization system driven by a two-mode quantized field 94

R.Kh. Drampian, Investigation of Raman scattering of light manifested in absorption spectrum of potassium atoms 497

P. Zhou, H. Schulz and P. Kohns, Atomic spectroscopy with ultrashort laser pulses using frequency-resolved optical gating 501

C.R. Ekstrom, C. Kurtsiefer, D. Voigt, O. Dross, T. Pfau and J. Mlynek, Coherent excitation of a He^* beam observed in atomic momentum distributions 505

Condensed matter

K. Stoll, U. Hübner and G. Kramer, Determination of collision cross section by dynamical absorption saturation in OsO_4 100

T. Plakhotnik, On separation of diffusive broadening and homogeneous linewidth in spectrum of single molecule in solids 105

C.S. West and K.A. O'Donnell, Backscattering enhancement from plasmon polaritons on a deterministic metal surface 109

A.N. Kireev and M.A. Dupertuis, Classical analysis of a dispersive symmetric Fabry–Pérot microcavity and Rabi splitting in a monolithic semiconductor heterostructure 268

T. Okuno, K. Tanaka and T. Suemoto, Observation of two types of spectral holes in MgO-doped $Y_2O_3:Pr^{3+}$ crystals 512

Quantum optics

M.B. Plenio, P.L. Knight and R.C. Thompson, Inhibition of spontaneous decay by continuous measurements. Proposal for realizable experiment 278

S. Stenholm, Polarization coding of quantum information 287

P. Zhou and S. Swain, Hanle effect in a squeezed vacuum 297

S. Swain and P. Zhou, Nonclassical features in anomalous resonance fluorescence in a squeezed vacuum 310

W. Rooijakkers, W. Hogervorst and W. Vassen, An intense collimated beam of metastable helium atoms by two-dimensional laser cooling 321

F.E. Harrison and D.F. Walls, QND measurement of intensity difference fluctuations 331

Y. Mu, J. Seberry and Y. Zheng, Shared cryptographic bits via quantized quadrature phase amplitudes of light 344

B.M. Garraway and P.L. Knight, The localization and survival of cats in a Kerr medium 517

M. Babiker, V.E. Lembessis, W.K. Lai and L. Allen, Doppler cooling of ion cyclotron motion in counter-propagating Laguerre-Gaussian beams 523

R. Calabrese, V. Guidi, P. Lenisa, E. Mariotti and L. Moi, Transverse laser cooling of ions in a storage ring 530

Lasers

N. Pavel, T. Dascalu and V. Lupei, Variable reflectivity mirror unstable resonator with deformable mirror thermal compensation 115

A. Shirakawa, H.W. Mao and T. Kobayashi, Highly efficient generation of blue-orange femtosecond pulses from intracavity-frequency-mixed optical parametric oscillator 121

H.H. Fielding, Q. Hong, S. Solans, A.J. Langley, S. Schlorholz, W. Shaikh and P.F. Taday, Generation of coherent VUV radiation using resonance-enhanced four-wave difference-mixing of nanosecond and femtosecond laser pulses in Kr 129

A.V. Savilov, Account of the feedback frequency dispersion in spatio–temporal equations of a free-electron laser 133

M.J. New and P. Ewart, High power single mode radiation by narrowband amplification of a diode laser 139

K.H. Tsui, Emission of short free electron laser pulse by high charge electron bunches 143

H. Sun and C.-y. Wang, Third-order dispersion produced by a $\lambda/4$ dielectric cavity mirror in a femtosecond pulse laser 148

R. Hector and K.H. Meiwes-Broer, VUV generation by frequency mixing in a mercury beam 155

G. Dattoli, L. Giannessi and A. Renieri, Storage–Ring FEL longitudinal dynamics 353

D.E. Nikonov, B. Sherman, G. Kurizki and M.O. Scully, Lasing without inversion in Cherenkov free-electron lasers 363

P. Khandokhin, Ya. Khanin, J.-C. Celet, D. Dangoisse and P. Glorieux, Low frequency relaxation oscillations in class B lasers with feedback 372

R.J. Beach, CW Theory of quasi-three level end-pumped laser oscillators 385

G. Dattoli, A. Doria, L. Giannessi and A. Segreto, Wave-guide free electron laser: gain inhomogeneous broadening and saturation 535

S. Xue and Q. Lou, Passive mode-locking of a Nd:YAP laser at 1.3414 μm by using a convex-antiresonant ring unstable resonator 543

J. Solis, J. Siegel, C.N. Afonso, N.P. Barry, R. Mellish and P.M.W. French, Experimental study of a self-starting Kerr-lens mode-locked titanium-doped sapphire laser 547

A.J. Gloag, N. Langford, I. Bennion and L. Zhang, Single-frequency travelling-wave erbium doped fibre laser incorporating a fibre Bragg grating 553

D. Haubrich and R. Wynands, A modified commercial Ti:sapphire laser with 4 kHz rms linewidth 558

R.W. Best, Bunch shape effect on undulator radiation 563

S. Prein, S. Diddams and J.-C. Diels, Complete characterization of femtosecond pulses using an all-electronic detector 567

C. Paré, Optimum laser beam profile for maximum energy extraction from a saturable amplifier 762

G.F. Cairns, C.L.S. Lewis, M.J. Lamb, A.G. MacPhee, D. Neely, P. Norreys, M.H. Key, S.B. Healy, P.B. Holden, G.J. Pert, J.A. Plowes, G.J. Tallents and A. Demir, Using low and high prepulses to enhance the $J = 0$–1 transition at 19.6 nm in the Ne-like germanium XUV laser 777

G. Bonnet, S. Balle, Th. Kraft and K. Bergmann, Dynamics and self-modelocking of a titanium-sapphire laser with intracavity frequency shifted feedback 790

L. Thiery, J.P. Prenel and R. Porcar, Theoretical and experimental intensity analysis of laser light sheets for flow visualization 801

Nonlinear optics

T. Zhang, Y. Kato, H. Daido and Y. Izawa, Oscillating nonlinear frequency chirp in a single mode optical fiber 161

K. Nakkeeran and K. Porsezian, Coexistence of a self-induced transparency soliton and a higher order nonlinear Schrödinger soliton in an erbium doped fiber 169

D.C. Jones, M.S. Mangir and D.A. Rockwell, A stimulated Brillouin scattering phase-conjugate mirror having a peak-power threshold < 100 W 175

M.J. Damzen, Y. Matsumoto, G.J. Crofts and R.P.M. Green, Bragg-selectivity of a volume gain grating 182

Y. Yang, H. Fei, Z. Wei, Q. Yang, G. Shun and L. Han, Phase conjugation in methyl orange doped polyvinyl alcohol film by DFWM based on excited state absorption 189

A. Donval, G. Berkovic, S. Yilmaz, S. Bauer-Gogonea, W. Brinker, W. Wirges, S. Bauer and R. Gerhard-Multhaupt, Spatial and thermal analysis of optical nonlinearity created by asymmetric charge injection 195

M.R. Belić, D. Timotijević, M. Petrović and M.V. Jarić, Exact solution to photorefractive two-wave mixing with arbitrary modulation depth 201

A. Steinbach, M. Rauner, F.C. Cruz and J.C. Bergquist, CW second harmonic generation with elliptical Gaussian beams 207

H. He, P.D. Drummond and B.A. Malomed, Modulational stability in dispersive optical systems with cascaded nonlinearity 394

D.C. Jones and K.D. Ridley, Time response of Brillouin-induced four-wave mixing with short signal pulse: Application to time-gated imaging 403

H.J. Eichler, B. Liu, M. Duelk, Z. Lu and J. Chen, Phase conjugation behind an ordered multimode fibre bundle 412

W. Jinsong, T. Weizhong and Z. Wen, Stimulated Brillouin scattering initiated by thermally excited acoustic waves in absorption media 574

D.S. Butterworth, S. Girard and D.C. Hanna, A simple technique to achieve active cavity-length stabilisation in a synchronously pumped optical parametric oscillator 577

W.-L. Zhou, Y. Mori, T. Sasaki and S. Nakai, High-efficiency intracavity continuous-wave ultraviolet generation using crystals $CsLiB_6O_{10}$, β-BaB_2O_4 and LiB_3O_5 583

L. Zhang, Z. Shao, X. Mu, H. Chen and M. Jiang, Self-pumped phase conjugation with mechanism transformation in potassium sodium strontium barium niobate 587

E.V. Mokrushina, A.A. Nechitailov and V.V. Prokofiev, Effect of a low chromium impurity on properties of photoinduced charge carriers in $Bi_{12}TiO_{20}$ and $Bi_{12}SiO_{20}$ single crystals 592

G.S. García Quirino, M.D. Iturbe Castillo, J.J. Sánchez-Mondragón, S. Stepanov and V. Vysloukh, Interferometric measurements of the photoinduced refractive index profiles in photorefractive $Bi_{12}TiO_{20}$ crystal 597

Y. Takayama, A. Okamoto and K. Sato, High-efficiency transient phase conjugation by turning on reading beam incident upon steady-state transmission grating in $BaTiO_3$ crystal 603

X. Zhang, Four-wave mixing characteristics in a phase-conjugated fiber system 607

S. Rae, I. Bennion and M.J. Cardwell, New numerical model of stimulated Brillouin scattering in optical fibres with nonuniformity 611

T. Georges, Study of the non-Gaussian timing jitter statistics induced by soliton interaction and filtering 617

D. Fluck, T. Pliska and P. Günter, Compact 10 mW all-solid-state 491 nm laser based on frequency doubling a master oscillator power amplifier laser diode 624

M.A. Bolshtyansky and B.Ya. Zel'dovich, Transmission of the image signal with the use of a multimode fiber 629

D.V. Petrov, A.S.L. Gomes and C.B. de Araújo, Reflection of a Gaussian beam from a saturable absorber 637

Y. Ding and H.J. Eichler, Determination of quadratic electro-optic (Kerr) coefficients of InP:Fe at 1064 nm by photorefractive two-wave mixing 642

Z.L. Wang, Z.J. Yang, Y.Y. Zhu and N.B. Ming, Bistable switching in two-dimensional nonlinear optical superlattices 649

M. Belić, M. Petrović and F. Kaiser, Photorefractive circuitry and optical transistors 657

R. Zawodny and G. Wagnière, On second harmonic generation by two noncollinear beams in transparent chiral liquids 665

M. Le Berre, A.S. Patrascu, E. Ressayre and A. Tallet, Daisy patterns in the passive ring cavity with diffusion effects 810

J.M. Jarem and P.P. Banerjee, A nonlinear, transient analysis of two- and multi-wave mixing in a photorefractive material using rigorous coupled-wave diffraction theory 825